

CLAIMS

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

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1. A wireless local area network communication system for a vehicle to provide a voice and/or data connection from a wireless wide area network to a wireless local area network and on to a vehicle wired bus, said communication system comprising:

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- (a) a wireless electronic communication device disposed in or in proximity to said vehicle for communication with said wireless wide area network;

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- (b) a wireless local area network unit disposed in said vehicle in such a manner as to communicate with said wireless electronic communication device and with a wired vehicle bus disposed within said vehicle; and

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- (c) a plurality of electronic devices disposed in or in proximity to said vehicle and in communication with said wireless local area network unit or said wireless electronic communication device.

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2. A wireless local area network communication system for a vehicle, as defined in Claim 1, wherein at least one of said plurality of electronic devices is in wired communication with said wireless local area network unit.

3. A wireless local area network communication system for a vehicle, as defined in Claim 1, wherein: said plurality of electronic devices is selected from the group consisting of:

a pager, a laptop computer, a radio receiver, a body computer, and a facsimile transmitter/receiver.

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4. A wireless local area network communication system for a vehicle, as defined in Claim 1, wherein: said plurality of electronic devices is disposed within said vehicle.

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5. A wireless local area network communication system for a vehicle, as defined in Claim 1, wherein: said wireless electronic communication device can be disposed outside of said vehicle.

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